

# Mouse T Cell Activation Kit (Anti-CD3/CD28)

Catalog No.: RK40101

### **Basic Information**

**Observed MW** 

**Calculated MW** 

Category

Flow Cytometry Panel

**Applications** 

FC,in vitro T cell stimulation/activation

**Cross-Reactivity** 

Mouse

# **Background**

#### **Recommended Dilutions**

FC

Recommended starting concentration is 2 µg/mL

# **Immunogen Information**

**Gene ID** 

**Swiss Prot** 

**Immunogen** 

Recombinant protein of mouse CD3 and CD28.

**Synonyms** 

### Contact

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www.abclonal.com

### **Product Information**

**Source**Armenian Hamster/Syrian
Armenian Hamster

Hamster IgG1/Syrian Hamster IgG2

**Purification**Affinity purification

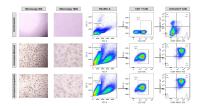
#### Storage

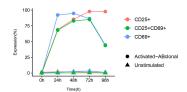
Store at 2-8°C. Avoid freeze.

Buffer:  $0.2~\mu m$  filtered in phosphate-buffered solution, pH 7.2, containing no preservative.

Endotoxin Level: Less than 0.01 EU/ $\mu g$  of the protein (< 0.001 ng/ $\mu g$  of the protein) as determined by the LAL test.

### **Validation Data**





C57BL/6 mouse splenocytes were activated using Armenian Hamster anti-Mouse CD3 mAb (A27913,2ug/ml) and Syrian Hamster anti-Mouse CD28 mAb (A27914,2ug/ml), or competitor 's CD3/CD28 antibody for 72 hours. The unstimulated control was performed without treatment. Cells were fluorescently stained with FITC Anti-Mouse CD3e mAb (A23322,5 μL/Test), ABflo® 647 Rabbit anti-Mouse CD25 mAb (A23808,5 µL/Test), ABflo® 450 Rabbit anti-Mouse CD69 mAb (A26449,5  $\mu$ L/Test). The degree of T cell activation are defined as CD25+CD69+ cells on CD3+ T cells gate.

The expression of CD25 and CD69 in mouse CD3+ T Cells changes with activation time using Mouse T Cell Activation Kit ( Anti-CD3/CD28 ) (RK40101,2ug/ml).